

ABSTRACT OF THE DISCLOSURE

In a method for data transmission, which transmits data through a transmission line 20, which integrates a plurality of links into one transmission line, a first link group, which transmits information data by 5 at least one link out of a plurality of links, a second link group, which transmits parity data generated by the information data by at least one link out of a plurality of links, which are different from the first link group, and a third link group, which generates an error check data related to an error correction from the information data or the parity data, when an error 10 occurs in the information data or the parity data, and transmits by at least one link out of a plurality of links, which are different from the first link group and the second link group, are integrated and transmitted.